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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Jesse D. Wolfe et al	Docket No. :	IL-11072
Serial No. :	10/643,556	Art Unit :	
Filed :	August 18, 2003	Examiner	
For :	Process and Apparatus for Pulsed DC Magnetron Reactive Sputtering of Thin Film Coatings on Large Substrates Using Smaller Sputter Cathodes		

Commissioner for Patents  
Alexandria, VA

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

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2. Form PTO-1449  
One (1) Foreign Patent Document
3. Return Postcard

is being deposited with the United States Postal Service as express mail in an envelope addressed to:

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Large Substrates Using Smaller Sputter Cathodes

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Forwarded herewith is an Supplemental Information Disclosure Statement, Form-1449, in the above-identified application. Copies of the cited references are enclosed: One (1) Foreign Patent Documents. The above-mentioned disclosures, which are not admitted as prior art, are identified on the enclosed Form 1449.

**Please charge Deposit Account 12-0695 in the amount of \$180.00**

Respectfully submitted,

Dated: 5-14-04

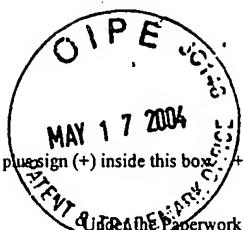
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Enclosures: As noted above

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Complete if Known	
		Application Number	10/643,556
		Filing Date	August 18, 2003
		First Named Inventor	Jesse D. Wolfe et al
		Group Art Unit	
		Examiner Name	
Sheet 1 of 1		Attorney Docket Number	IL-11072

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)		MM-DD-YYYY	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		MM-DD-YYYY		
		WO	01/98553	A1	Vladimir, Kouznetsov	12-27-2001		

Examiner Signature	Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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